

HD Backeye®360 BN360-300

Description

Backeye®360 BN360-300 is a high definition four-camera system designed to eliminate blind spots and assist low-speed manoeuvring by providing a clear, real-time surround view of the vehicle in the driver's monitor. Compatible with Brigade's MDR recorders for HD capture.

How do 360° Vehicle Camera Systems Work?

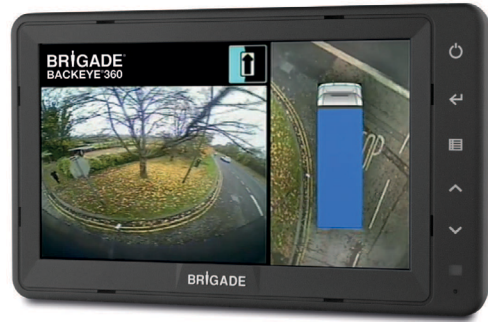
Backeye®360 is an intelligent camera monitor system designed to assist low-speed manoeuvring by providing the driver with a complete surround view of the vehicle in real-time.

Brigade offers a choice of 360° technologies, both of which work with four ultra-wide-angle cameras that each cover one full side of the vehicle with a viewing angle of over 180°. High-mounted on the front, rear and sides, the calibrated cameras capture all of the surrounding areas including the blind spots of the vehicle or machine.

The four live images are simultaneously sent to an electronic control unit (ECU) where they are instantly processed, combined, blended and stitched. The distortion from the wide-angle camera lens is also corrected before delivering a clear, single, smooth, real-time image onto the driver's monitor.

Features and Benefits

- 720p HD 360° image
- 15 different view modes (10 x landscape & 5 x portrait configurations).
Front & rear crossing-traffic.
Customisable vehicle position.
- 2 pre-defined configuration groups
- Configure & customise set up via PC calibration software
- Left, right, reverse & speed signal triggers
- Configurable on-screen parking markers
- Customisable overlay guidelines per camera view
- 2 x video outputs
- Ultra-wide viewing angle cameras: (HxV) 182° x 118°
- 1/4" CMOS sensor
- Video output: AHD 1.0 and NTSC
- 360 view and individual channels recordable on Brigade MDR recorders



360° Surround View Camera System

360° vehicle camera systems will work on virtually any rigid vehicle or machine, large or small. The distance of the viewing area can be set to suit the application. The flexibility of the Brigade systems means there are solutions suitable for both on- and off-road applications. The settings are saved to upload to identical vehicles in a fleet.

Auto-switching Triggers

Each system has programmable triggers. These can be activated to deliver a view better focused on relevant danger areas when manoeuvring, e.g. selecting reverse gear displays a rearview alongside the 360° image, or indicating can add a side view.

Recordable

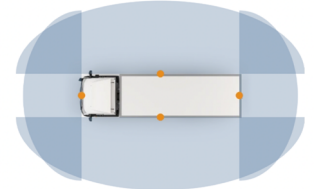
The BN360-300 is compatible with Mobile Digital Recorders for recordings of individual camera channels.

Applications

On and off-road applications

Tech Specs

Power Consumption	15 Watts
Current Consumption	1.22 Amps
Mechanical Vibration	8.5G
Mechanical Shock	51G
Operating Temperature	-30 to +75°C
Approved Standards	IP30 ECU CE marked E-Marked: UNECE R10 compliant FCC Approved IC Approved ISO 20653:2006 ISO 13766-1:2018
Warranty	5 years



Part No. Description

5800A	Model BN360-300: High Definition Backeye®360 system
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Recordable	High Definition	Ultra-wide Cameras	Eliminates Blind Spots
Full Real-time 360° View	Configurable Setup		



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